

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 11, 2004, 18:30:16 ; Search time 49 Seconds  
(without alignments)  
215.185 Million cell updates/sec

Title: US-09-936-523-11

Perfect score: 19

Sequence: 1 tctgcccgctgcgcgaa 19

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents NA.\*  
1: /cgn2\_6/ptodata/2/ina/5A COMB.seq.\*  
2: /cgn2\_6/ptodata/2/ina/5B COMB.seq.\*  
3: /cgn2\_6/ptodata/2/ina/6A COMB.seq.\*  
4: /cgn2\_6/ptodata/2/ina/6B COMB.seq.\*  
5: /cgn2\_6/ptodata/2/ina/PTUS COMB.seq.\*  
6: /cgn2\_6/ptodata/2/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	19	100.0	1170	4	US-09-894-844-81
C 2	19	100.0	4403765	3	US-09-103-840A-2
C 3	19	100.0	4411529	3	US-09-103-840A-1
C 4	16.4	86.3	1674	1	US-08-889-402-7
C 5	16.4	86.3	1776	1	US-08-889-402-3
C 6	16.4	86.3	1776	1	US-08-889-402-5
C 7	16.4	86.3	1818	1	US-08-889-402-4
C 8	16.4	86.3	1818	1	US-08-889-402-6
C 9	15.8	83.2	1074	4	US-09-516-914-16
C 10	15.8	83.2	14272	4	US-09-516-914-23
C 11	15.4	81.1	1323	4	US-09-489-039A-2924
C 12	15.4	81.1	11219	1	US-07-642-734C-1
C 13	15.4	81.1	11219	3	US-08-439-009A-1
C 14	14.8	77.9	255	4	US-09-252-991A-4164
C 15	14.8	77.9	256	4	US-09-833-381-421
C 16	14.8	77.9	408	4	US-09-252-991A-11650
C 17	14.8	77.9	414	4	US-09-252-991A-5930
C 18	14.8	77.9	449	4	US-09-833-381-422
C 19	14.8	77.9	482	4	US-09-634-238-194
C 20	14.8	77.9	500	4	US-09-465-558-65
C 21	14.8	77.9	687	4	US-09-465-558-27
C 22	14.8	77.9	690	4	US-09-252-991A-11784
C 23	14.8	77.9	1020	4	US-09-252-991A-5960
C 24	14.8	77.9	1056	4	US-09-489-039A-271
C 25	14.8	77.9	1128	4	US-09-252-991A-4309
C 26	14.8	77.9	1194	4	US-09-252-991A-11851
C 27	14.8	77.9	1275	4	US-09-252-991A-4544

28	14.8	77.9	1485	4	US-09-252-991A-11591	Sequence 11591, A
29	14.8	77.9	1530	4	US-09-252-991A-5942	Sequence 5942, Ap
30	14.8	77.9	1539	4	US-09-252-991A-5940	Sequence 5940, Ap
C 31	14.8	77.9	1545	4	US-09-252-991A-5891	Sequence 5891, Ap
C 32	14.8	77.9	1563	4	US-09-266-965-37	Sequence 37, Appl
C 33	14.8	77.9	1674	4	US-09-252-991A-5893	Sequence 5893, Ap
C 34	14.8	77.9	2796	4	US-09-252-991A-5979	Sequence 5979, Ap
C 35	14.8	77.9	3570	4	US-09-489-039A-6605	Sequence 6605, Ap
36	14.8	77.9	35881	4	US-08-311-731A-127	Sequence 127, App
37	14.8	77.9	40123	4	US-08-311-731A-137	Sequence 137, App
38	14.8	77.9	53500	4	US-09-266-965-76	Sequence 76, Appl
C 39	14.4	75.8	201	4	US-09-252-991A-782	Sequence 782, App
C 40	14.4	75.8	279	4	US-09-252-991A-5346	Sequence 5346, Ap
41	14.4	75.8	1008	4	US-09-489-039A-6687	Sequence 6687, Ap
42	14.4	75.8	1172	3	US-08-861-774E-17	Sequence 17, Appl
43	14.4	75.8	1178	3	US-08-861-774E-91	Sequence 91, Appl
C 44	14.4	75.8	1178	3	US-08-861-774E-91	Sequence 91, Appl
45	14.4	75.8	1392	4	US-09-328-352-474	Sequence 474, Appl

ALIGNMENTS

RESULT 1

US-09-894-844-81/c  
; Sequence 81, Application US/09894844  
; Patent No. 6686166  
; GENERAL INFORMATION:  
; APPLICANT: Behr, Marcel  
; APPLICANT: Small, Peter  
; APPLICANT: Schoolnik, Gary  
; APPLICANT: Wilson, Michael A.  
; TITLE OF INVENTION: Molecular Differences Between Species of  
; TITLE OF INVENTION: the M. tuberculosis Complex  
; FILE REFERENCE: STAN102CON  
; CURRENT APPLICATION NUMBER: US/09/894,844  
; CURRENT FILING DATE: 2001-06-27  
; PRIOR APPLICATION NUMBER: 09/318,191  
; PRIOR FILING DATE: 1999-05-25  
; PRIOR APPLICATION NUMBER: 60/097,936  
; PRIOR FILING DATE: 1998-08-25  
; NUMBER OF SEQ ID NOS: 137  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 81  
; LENGTH: 1170  
; TYPE: DNA  
; ORGANISM: M. tuberculosis  
US-09-894-844-81

Query Match 100.0%; Score 19; DB 4; Length 1170;  
Best Local Similarity 100.0%; Pred. No. 2.7;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 TCTGCCCGTCTGCGCGAA 19  
|||||  
DB 667 TCTGCCCGTCTGCGCGAA 649

RESULT 2

US-09-103-840A-2  
; Sequence 2, Application US/09103840A  
; Patent No. 6294328  
; GENERAL INFORMATION:  
; APPLICANT: FLEISCHMAN, Robert D.  
; APPLICANT: WHITE, Owen R.  
; APPLICANT: FRASER, Claire M.  
; APPLICANT: VENTER, John C.  
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM  
; TITLE OF INVENTION: TUBERCULOSIS  
; FILE REFERENCE: 24366-20007.00  
; CURRENT APPLICATION NUMBER: US/09/103,840A  
; CURRENT FILING DATE: 1998-06-24  
; NUMBER OF SEQ ID NOS: 2

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 4403765  
; TYPE: DNA  
; ORGANISM: Mycobacterium tuberculosis  
; FEATURE:  
; OTHER INFORMATION: CDC 1551  
; OTHER INFORMATION: "n" bases at various positions throughout the sequence  
; OTHER INFORMATION: represent a, t, c or g  
US-09-103-840A-2

Query Match 100.0%; Score 19; DB 3; Length 4403765;  
Best Local Similarity 100.0%; Pred. No. 1.9;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCTGCCCGTCGTGCGGAA 19  
|||||  
Db 2331777 TCTGCCCGTCGTGCGGAA 2331795

## RESULT 3

US-09-103-840A-1  
; Sequence 1, Application US/09103840A  
; Patent No. 6294328  
; GENERAL INFORMATION:  
; APPLICANT: FLEISCHMAN, Robert D.  
; APPLICANT: WHITE, Owen R.  
; APPLICANT: FRASER, Claire M.  
; APPLICANT: VENTER, John C.  
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM  
; TITLE OF INVENTION: TUBERCULOSIS  
; FILE REFERENCE: 24366-20007.00  
; CURRENT APPLICATION NUMBER: US/09/103,840A  
; CURRENT FILING DATE: 1998-06-24  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 4411529  
; TYPE: DNA  
; ORGANISM: Mycobacterium tuberculosis  
; OTHER INFORMATION: H37Rv  
US-09-103-840A-1

Query Match 100.0%; Score 19; DB 3; Length 4411529;  
Best Local Similarity 100.0%; Pred. No. 1.9;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCTGCCCGTCGTGCGGAA 19  
|||||  
Db 2329478 TCTGCCCGTCGTGCGGAA 2329496

## RESULT 4

US-08-889-402-7/c  
; Sequence 7, Application US/08889402  
; Patent No. 5811288  
; GENERAL INFORMATION:  
; TITLE OF INVENTION: NOVEL ISOFORM GENE FOR FOCAL ADHESION  
; TITLE OF INVENTION: PROTEIN PAXILLIN  
; NUMBER OF SEQUENCES: 7  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/889,402  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 178334/1996  
; FILING DATE: 08-JUL-1996  
; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1674 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..1671  
US-08-889-402-7

Query Match 86.3%; Score 16.4; DB 1; Length 1674;  
Best Local Similarity 94.4%; Pred. No. 42;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CTGCCCGTCGTGCGGAA 19  
|||||  
Db 1458 CTGCCCGTCGTGCGAA 1441

## RESULT 5

US-08-889-402-3/c  
; Sequence 3, Application US/08889402  
; Patent No. 5811288  
; GENERAL INFORMATION:  
; TITLE OF INVENTION: NOVEL ISOFORM GENE FOR FOCAL ADHESION  
; TITLE OF INVENTION: PROTEIN PAXILLIN  
; NUMBER OF SEQUENCES: 7  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/889,402  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 178334/1996  
; FILING DATE: 08-JUL-1996  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1776 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
US-08-889-402-3

Query Match 86.3%; Score 16.4; DB 1; Length 1776;  
Best Local Similarity 94.4%; Pred. No. 41;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CTGCCCGTCGTGCGGAA 19  
|||||  
Db 1560 CTGCCCGTCGTGCGAA 1543

## RESULT 6

US-08-889-402-5/c  
; Sequence 5, Application US/08889402  
; Patent No. 5811288  
; GENERAL INFORMATION:  
; TITLE OF INVENTION: NOVEL ISOFORM GENE FOR FOCAL ADHESION  
; TITLE OF INVENTION: PROTEIN PAXILLIN  
; NUMBER OF SEQUENCES: 7  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/889,402

; NUMBER OF SEQ ID NOS: 2

us-09-936-523-12.rni

Mon Apr 12 16:11:49 2004

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016,434

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0002 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 1361:

SEQUENCE CHARACTERISTICS:

LENGTH: 1376 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GENBANK

CLONE: 9410208

US-09-016-434-1361

Query Match 83.2%; Score 15.8; DB 4; Length 1376;

Best Local Similarity 89.5%; Pred. No. 62;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CAGTGGCTCGGCACGCACA 19

Db 917 CAGCGGCTCGGCACGCAGA 935

RESULT 5

US-08-068-729-3

Sequence 3, Application US/08068729

Patent No. 5985597

GENERAL INFORMATION:

APPLICANT: Ford-Hutchinson, Anthony

APPLICANT: Funk, Colin

APPLICANT: Grygorczyk, Richard

APPLICANT: Metters, Kathleen

TITLE OF INVENTION: DNA Encoding Prostaglandin Receptor EPI

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOHN W. WALLEN III

STREET: P.O. BOX 2000, 126 E. LINCOLN AVE.

CITY: RAHWAY

STATE: NEW JERSEY

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/068,729

FILING DATE: 26-MAY-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: WALLEN, JOHN W III

REGISTRATION NUMBER: 35,403

REFERENCE/DOCKET NUMBER: 19012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (908) 594-3905

TELEFAX: (908) 594-4720

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1394 base pairs

SOFTWARE: Patent In Ver. 2.1

SEQ ID NO 2

LENGTH: 4403765

TYPE: DNA

ORGANISM: Mycobacterium tuberculosis

FEATURE:

OTHER INFORMATION: CDC 1551

OTHER INFORMATION: "n" bases at various positions throughout the sequence

OTHER INFORMATION: represent a, t, c or g

US-09-103-840A-2

Query Match 100.0%; Score 19; DB 3; Length 4403765;

Best Local Similarity 100.0%; Pred. No. 1.9;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAGTGGCTCGGCACGCACA 19

Db 2334825 CAGTGGCTCGGCACGCACA 2334807

RESULT 3

US-09-103-840A-1/c

Sequence 1, Application US/09103840A

Patent No. 6294328

GENERAL INFORMATION:

APPLICANT: FLEISCHMAN, Robert D.

APPLICANT: WHITE, Owen R.

APPLICANT: FRASER, Claire M.

APPLICANT: VENTER, John C.

TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM

TITLE OF INVENTION: TUBERCULOSIS

FILE REFERENCE: 24366-20007.00

CURRENT APPLICATION NUMBER: US/09/103,840A

CURRENT FILING DATE: 1998-06-24

NUMBER OF SEQ ID NOS: 2

SOFTWARE: Patent In Ver. 2.1

SEQ ID NO 1

LENGTH: 4411529

TYPE: DNA

ORGANISM: Mycobacterium tuberculosis

OTHER INFORMATION: H37RV

US-09-103-840A-1

Query Match 100.0%; Score 19; DB 3; Length 4411529;

Best Local Similarity 100.0%; Pred. No. 1.9;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAGTGGCTCGGCACGCACA 19

Db 2332526 CAGTGGCTCGGCACGCACA 2332508

RESULT 4

US-09-016-434-1361

Sequence 1361, Application US/09016434

Patent No. 6500938

GENERAL INFORMATION:

APPLICANT: Janice Au-Young

APPLICANT: Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING

TITLE OF INVENTION: PATHWAY GENE EXPRESSION

NUMBER OF SEQUENCES: 1490

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS